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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SECURITIES BLDG.
HELENA, MONTANA

VOL. VIII, No. 1 McKEE PRINT. January, 1960

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1960, averaged 82,461 barrels daily, a decrease of 1,605 barrels from the average December production of 84,066.

The ten refineries in the State processed 75,530 barrels of crude oil daily for the month of January, 1960, an increase of 207 barrels daily from the 75,323 barrels processed daily during the month of December, 1959.

During January, 23 wells were completed, 10 oil, 3 gas wells and 10 dry holes.

During January, the Commission issued 14 permits to drill new wells, a decrease of 7 from the 21 permits issued during December.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF JANUARY, 1960

IN STORAGE JANUARY 1st:	
By Producers	362,849
By Transporters	645,661
By Refiners	619,430
TOTAL STORAGE	1,627,940
Produced in Montana During Month	2,556,303
Imported During Month	1,663,188
TOTALS	5,847,431
DISPOSITION:	
Refined in Montana	2,341,435
Exported	1,892,661
Used for Fuel or Lost	8,376
TOTAL	4,242,472
IN STORAGE JANUARY 31st:	
By Producers	378,126
By Transporters	638,670
By Refiners	588,163
TOTAL STORAGE	1,604,959

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1960

Field	M Cu. FT.
Bears Den	0
Big Coulee	116,338
Bowdoin	795,036
Bowes	136,168
Box Elder	0
Cabin Creek	92,259
Cedar Creek	592,083
Clarks Fork	87,675
Cut Bank (Including Reagan	1,378,125
Devon	0
Dry Creek	197,626
Elk Basin	69,002
Flat Coulee	21,387
Golden Dome	4,381
Grandview	0
Hardin	3,395
Keith Block	188,986
Kevin Sunburst	152,842
Pine	79,910
Plevna	15,957
Utopia	116,694
Whitlash	124,015
Miscellaneous	90,280
TOTAL	4,262,159

Total Withdrawals for January, 1959 were 4,716,937 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF JANUARY, 1960

Leases Operated	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	581	2,757	.....	2,498	.....	840
5	Bannatyne	10	2,658	1,732	.....	1,732	.....	2,658
1	Belfry	1	239	6,457	.....	6,418	.....	278
10	Big Wall	25	3,068	20,927	.....	20,504	.....	3,491
11	Blackfoot	16	4,750	10,746	.....	10,522	.....	4,974
3	Border	5	.....	562	.....	562	.....	.....
20	Bowes	80	4,215	25,281	25,062	.....	.....	4,434
1	Bredette	1	1,488	475	867	.....	.....	1,096
3	North Bredette	3	1,940	4,596	4,164	.....	.....	2,372
3	Brorson	3	2,528	3,626	3,940	.....	.....	2,214
2	Cabin Creek	92	14,064	349,909	355,214	.....	1,133	7,626
25	Cat Creek	89	3,634	10,275	5,747	3,067	.....	5,095
1	Clark's Fork	1	420	274	.....	391	.....	303
2	Clark's Fork North	4	3,059	17,528	.....	16,684	.....	3,903
1	Cupton	2	1,336	1,056	860	.....	.....	1,532
360	Cut Bank	1,144	123,172	172,102	166,892	.....	641	127,741
3	Deer Creek	6	2,988	14,660	15,120	.....	.....	2,528
4	Delphia	4	1,047	4,570	.....	4,091	.....	1,526
....	Devil's Basin	....	1,018	.....	.....	.....	.....	1,018
5	Dry Creek	5	1,127	3,287	3,491	.....	.....	923
19	Elk Basin	59	3,086	260,523	260,281	.....	.....	3,328
....	Fertile Prairie	....	1,584	.....	.....	.....	.....	1,584
2	Frannie	2	313	1,918	1,868	.....	.....	363
2	Gage	2	768	1,129	.....	1,088	.....	809
4	Gas City	11	3,699	13,651	12,482	.....	.....	4,868
6	Glendive	12	4,351	37,864	36,160	.....	.....	6,055
4	Gypsy Basin	4	1,820	421	.....	790	37	1,414
1	Hawk Creek	1	386	232	.....	.....	.....	618
6	Ivanhoe	13	3,859	17,142	.....	16,701	.....	4,300
179	Kevin Sunburst	1,273	16,116	57,830	55,968	.....	.....	17,978
1	Line Coulee	1	1,236	14	.....	.....	.....	1,250
1	Little Beaver	7	2,068	18,687	19,191	.....	.....	1,564
5	East Little Beaver	8	2,578	18,906	17,615	.....	.....	3,869
4	Melstone	9	2,878	3,763	.....	4,621	.....	2,020
3	Monarch	9	2,989	14,770	14,759	.....	.....	3,000
3	Mosser	5	300	571	.....	400	.....	471
7	Outlook Area	11	6,057	55,979	54,805	.....	.....	7,231
3	Outlook South	3	1,436	5,152	4,552	.....	.....	2,036
10	Pennel	21	6,495	48,345	46,752	.....	.....	8,088
5	Pine	139	17,887	423,232	424,458	.....	.....	16,661
79	Pondera	333	8,340	41,485	40,756	.....	.....	9,069
6	East Poplar	91	20,889	304,994	302,716	.....	.....	23,167
3	Northwest Poplar	4	1,031	2,401	2,104	.....	.....	1,328
4	Ragged Point	9	2,932	12,802	.....	12,175	.....	3,559
....	Rattlesnake Butte	....	116	.....	.....	.....	.....	116
4	Reagan	50	2,482	16,486	15,297	.....	.....	3,671
10	Red Creek	16	5,064	24,851	24,719	.....	.....	5,196
1	Redstone	1	292	340	340	.....	4	288
1	Repeat	1	442	2,299	1,954	.....	.....	787
9	Richey	13	7,315	18,633	19,574	.....	.....	6,374
5	Sand Creek	6	4,336	38,416	38,531	.....	.....	4,221
1	Sheridan County	1	.....	1,475	.....	1,011	.....	464
2	Snyder	4	1,092	1,969	.....	2,384	.....	677
5	Soap Creek	18	1,918	6,736	.....	6,972	.....	1,682
2	Southwest Richey	2	2,516	8,295	8,695	.....	.....	2,116
9	Stensvad	23	9,837	180,897	180,479	.....	.....	10,255
28	Sumatra	82	17,221	184,026	169,554	10,281	498	20,914
3	Sweetgrass Hills	3	732	321	.....	544	.....	509
8	Whitlash	33	13,389	3,394	3,650	166	7	12,960
6	Wills Creek	12	4,258	37,059	37,557	.....	.....	3,760
9	Wolf Springs	28	4,267	36,984	37,992	.....	.....	3,259
1	Woodrow	1	414	1,491	938	.....	.....	967
....	Yellowstone	....	728	.....	.....	.....	.....	728
922		3,816	362,849	2,556,303	2,415,104	123,602	2,320	378,126

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1959	29,857,226	81,800	29,815,632	81,686
January, 1960	2,556,303	82,461	2,538,706	81,893

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1959	362,849	645,661	619,430	1,627,940
January, 1960	378,126	638,670	588,163	1,604,959

*Includes Wyoming Oil.

TRANSPORTERS REPORT

MONTH OF JANUARY, 1960

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,498				2,498		
BANNATYNE—Truck			1,732			1,732			
BELFRY—Truck			6,418			6,418			
BIG WALL—Truck			20,504			20,504			
BLACKFOOT—Union Oil Co.			10,522			10,522			
BORDER—Truck			562			562			
BOWES—									
Trigood Oil Co.	2,490	3,469			47	2,821			3,091
Texaco Inc.		21,593				21,593			
	2,490	25,062			47	24,414			3,091
BRORSON—Sun Oil Company		3,940					3,940		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	287,918	941,342		525,554			1,427,961		326,853
Shell Pipe Line Corp.	1,746	113,451			842			111,036	3,319
	289,664	1,054,793		525,554	842		1,427,961	111,036	330,172
CAT CREEK—									
Continental Pipe Line Co.	3,377	5,747			(596)	5,972			3,748
Truck			3,067			3,067			
	3,377	5,747	3,067		(596)	9,039			3,748
CLARK'S FORK—Truck			17,075				17,075		
CUT BANK—									
Big West Oil Co.		424		31,643		32,067			
Darling Gathering System, Inc.	1,652	5,078						5,064	1,666
Phillips Petroleum Co.	36,998	47,711		15,224	944	52,197		15,224	31,568
Texas Pipe Line Co.	44,733	28,336		29,830	340	13,865		41,736	46,958
Toronto Pipe Line Co.	29,469	43,724			(186)			55,270	18,109
Union Oil Co.	117,750	43,423		32,880	672	88,428			104,953
	230,602	168,696		109,577	1,770	186,557		117,294	203,254
DELPHIA—Truck			4,091			4,091			
DRY CREEK—									
Marathon Pipe Line Co.	9,013	3,490			(61)	3,537			9,027
ELK BASIN—Ohio Oil Co.		260,281					260,281		
FRANNIE—Ohio Oil Co.		1,868					1,868		
GAGE—Truck			1,088			1,088			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
The Texas Pipe Line Co.	12,146	90,148			22		70,748	19,147	12,377
GYPSY BASIN—Truck			790			790			
IVANHOE—Truck			16,701			5,365	11,336		
KEVIN-SUNBURST—									
Big West Oil Co.	2,135	40,746				40,751			2,130
Homestake Oil & Gas Co.	472	3,385		5,078		8,375			560
The Texas Pipe Line Co.	4,077	24,467			856	23,611			4,077
	6,684	68,598		5,078	856	72,737			6,767
MELSTONE—Truck			4,621			4,621			
MOSSER—Truck			400				400		
PONDERA—Phillips Petr. Co.	25,909	43,285			362	51,234			17,593
POPLAR, BREDETTE, OUTLOOK, LINE COULEE, REDSTONE, RICHEY & SOUTH OUTLOOK—									
East Poplar Gathering System	29,010	382,136			2,327			392,953†	15,866
RAGGED POINT—Truck			12,175			12,175			
REAGAN—Union Oil Co.		15,297				15,297			
RED CREEK—Truck			24,719			9,971	14,748		
SNYDER—Truck			2,384				2,384		
SOAP CREEK—Truck			6,972			4,077	2,895		
SUMATRA AND STENSVAD—									
Powder River Pipe Line Inc.	29,162	350,033			156	288,670	65,235		25,134
Truck			10,281				10,281		
	29,162	350,033	10,281		156	288,670	75,516		25,134
SWEETGRASS HILLS—Truck			544			544			
WHITLASH—									
Homestake Oil & Gas Co.				3,864		3,861			3
Western Natural Gas Co.	1,967	3,650						3,643	1,974
Truck			166			166			
	1,967	3,650	166	3,864		4,027		3,643	1,977
WOLF SPRINGS—									
Powder River Pipe Line Co.	5,637	37,867			(92)	33,937			9,659
UN-NAMED—Sheridan County Truck			1,011				1,011		
TOTALS	645,661	2,514,891	148,321	644,073	5,633	771,909	1,892,661	644,073	638,670

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JANUARY, 1960

Field	Big West Oil Co.	Humble Oil & Refining Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petro. Co.	Texaco Inc.	Texstar Corporation	Union Oil Co.	Total
Blackfoot	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,155	8,155
Border	562	.....	.....	.....	.....	.....	.....	.....	.....	.....	562
Bowes	.....	.....	.....	19,574	.....	.....	.....	.....	.....	.....	19,574
Cat Creek	.....	.....	5,396	.....	2,636	3,807	.....	.....	.....	.....	11,839
Cut Bank	34,720	.....	.....	.....	.....	.....	51,997	.....	.....	91,187	177,904
Delphia	.....	.....	.....	.....	.....	5,267	.....	.....	.....	.....	5,267
Dry Creek	.....	.....	.....	.....	3,237	.....	.....	.....	.....	.....	3,237
Elk Basin	.....	130,896	59,148	.....	.....	.....	.....	.....	.....	.....	190,044
Gage	.....	.....	.....	.....	.....	765	.....	.....	.....	.....	765
Ivanhoe	.....	.....	.....	.....	.....	5,514	.....	.....	.....	.....	5,514
Kevin Sunburst	36,113	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,113
Melstone	.....	.....	.....	.....	7,187	.....	.....	.....	.....	.....	7,187
Pondera	.....	.....	.....	.....	.....	.....	51,925	.....	.....	.....	51,925
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,297	15,297
Red Creek	.....	9,971	.....	.....	.....	.....	.....	.....	.....	.....	9,971
Soap Creek	.....	.....	.....	.....	.....	.....	.....	.....	4,077	.....	4,077
Sumatra	.....	178,417	.....	.....	160,469	.....	.....	.....	.....	.....	338,886
Sweetgrass Hills	374	.....	.....	.....	.....	.....	.....	.....	.....	.....	374
Wolf Springs	.....	30,384	.....	.....	.....	.....	.....	.....	.....	.....	30,384
Total Montana Oil	71,769	349,668	64,544	19,574	173,529	15,353	103,922	.....	4,077	114,639	917,075
Canadian Oil Imported	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming Oil Imported	.....	648,829	326,278	.....	449,253	.....	.....	.....	.....	.....	1,424,360
TOTAL Montana, Canadian and Wyoming Oil	71,769	998,497	390,822	19,574	622,782	15,353	103,922	.....	4,077	114,639	2,341,435

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1959	29,898	.11	41,483	71,392
January, 1959	26,877	....	44,885	71,762
January, 1960	29,583	....	45,947	75,530

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
41.87%	.03%	58.10%
37.45%	....	62.55%
39.16%	....	60.84%